

Contents of Volume 53

Volume 53 No. 1 July (I) 2000

CARLOS CID and PATRICIO FELMER / A Note on Static Solutions of a Lorentz Invariant Equation in Dimension 3	1–10
VICTOR G. KAC and JOSÉ I. LIBERATI / Unitary Quasi-finite Representations of W_∞	11–27
DEEPAK PARASHAR / Duality for Coloured Quantum Groups	29–40
A.V. BRATCHIKOV / Factorization of Correlation Functions in Coset Conformal Field Theories	41–47
S. MOGHIMI-ARAGHI and S. ROUHANI / Logarithmic Conformal Field Theories Near a Boundary	49–57
R. PANDHARIPANDE / The Toda Equations and the Gromov–Witten Theory of the Riemann Sphere	59–74
GIOVANNI FELDER and BORIS SHOIKHET / Deformation Quantization with Traces	75–86

Volume 53 No. 2 July (II) 2000

J. LEPOWSKY / Application of a 'Jacobi Identity' for Vertex Operator Algebras to Zeta Values and Differential Operators	87–103
CHRISTIAN FRØNSDAL / On the Classification of q -Algebras	105–120
J. DING, S. KHOROSHKIN and S. PAKULIAK / Integral Presentations for the Universal R -Matrix	121–141
G. GIACHETTA, L. MANGIAROTTI and G. SARDANASHVILY / Iterated BRST Cohomology	143–156
R. E. GAMBOA SARAVÍ, M. A. MUSCHIETTI and J. E. SOLOMIN / On Gauge Invariant Regularization of Fermion Currents	157–165
M. GROTT and K.-H. REHREN / On a Class of Bounded Quantum Bose Fields	167–179

Volume 53 No. 3 August 2000

KOICHI TAKEMURA / On the Eigenstates of the Elliptic Calogero–Moser Model	181–194
P. J. FORRESTER and N. S. WITTE / Exact Wigner Surmise Type Evaluation of the Spacing Distribution in the Bulk of the Scaled Random Matrix Ensembles	195–200
T.-D. ALBERT, H. BOOS, R. FLUME, R. H. POGHOSSIAN and K. RUHLIG / An F-Twisted XYZ Model	201–214
K. C. H. MACKENZIE / A Unified Approach to Poisson Reduction	215–232
ABDERRAHMAN ESSADIQ / q -Analogue of the Watanabe Unitary Transform Associated to the q -Continuous Gegenbauer Polynomials	233–242
SHUNLONG LUO / Quantum Fisher Information and Uncertainty Relations	243–251
JEFFREY H. SCHENKER and MICHAEL AIZENMAN / The Creation of Spectral Gaps by Graph Decoration	253–262

Volume 53 No. 4 September 2000

YUCAI SU / Simple Modules over the Higher-Rank Super-Virasoro Algebras	263–272
MICHELA VARAGNOLO / Quiver Varieties and Yangians	273–283
PAUL FEDERBUSH / e to the A, in a New Way, Some More to Say	285–288
YURI KOZITSKY / Scalar Domination and Normal Fluctuations in N -Vector Quantum Anharmonic Crystals	289–303
KARL-HENNING REHREN and HILMAR R. TUNEKE / Fusion Rules for the Continuum Sectors of the Virasoro Algebra with $c = 1$	305–312
I. M. SIGAL / Perron–Frobenius Theory and Symmetry of Solutions to Nonlinear PDE's	313–320
HANS HALVORSON / The Einstein–Podolsky–Rosen State Maximally Violates Bell's Inequalities	321–329
AÏSSA WADE / Conformal Dirac Structures	331–348
HENRIQUE BURSZTYN and STEFAN WALDMANN / Deformation Quantization of Hermitian Vector Bundles	349–365

